

FIG. 1

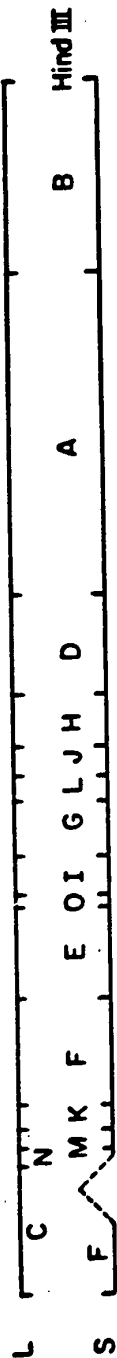


FIG. 2

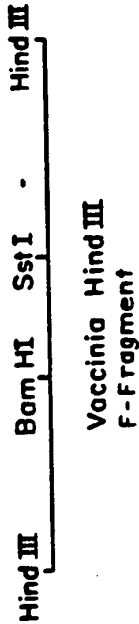
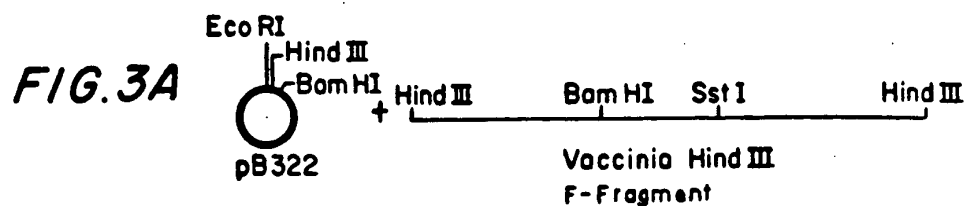
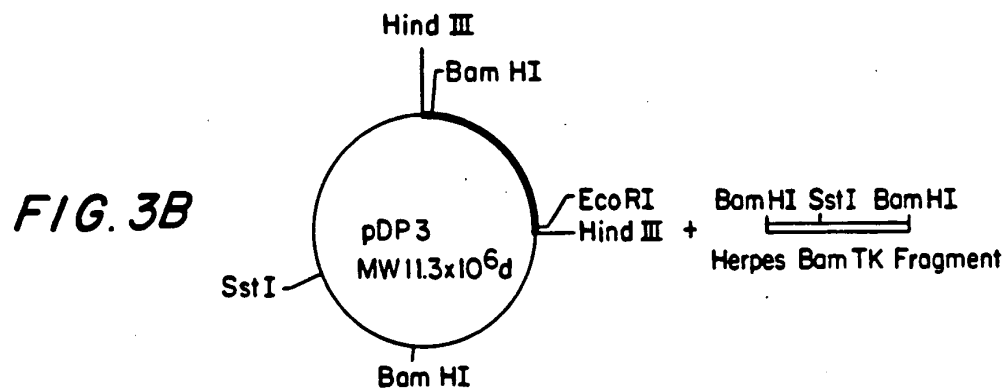


FIG. 5

GENE	GROWTH IN NORMAL MEDIUM?	GROWTH IN HAT MEDIUM?	GROWTH IN BUDR?
TK ⁺	YES	YES	NO
TK ⁻	YES	NO	YES



Hind III
+
T₄ DNA Ligase



Partial Bam HI
+
T₄ DNA Ligase

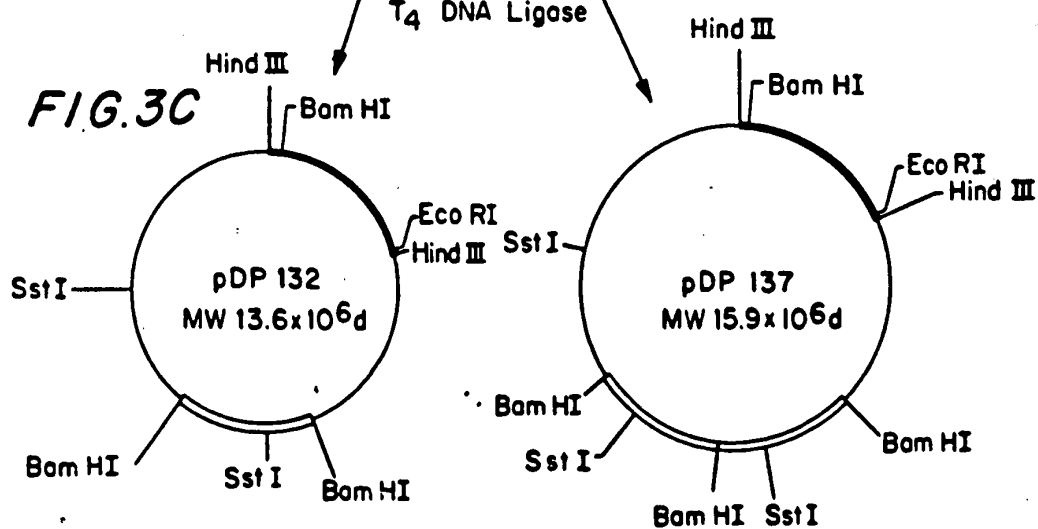


FIG. 4A

Restriction map of a DNA fragment. The map shows a linear sequence of restriction sites labeled F, MK, F/TK, E, O, I, G, L, J, H, D, A, B, and Hind III. A small rectangular box is located between the MK and F/TK sites. Dashed lines indicate a break in the DNA sequence between the E and O sites.

KEY TO

TK= HSV TK GENE

B= Bam HI RESTRICTION

S= Sst I RESTRICTION

H= Hind III RESTRICTION

FIG. 6A

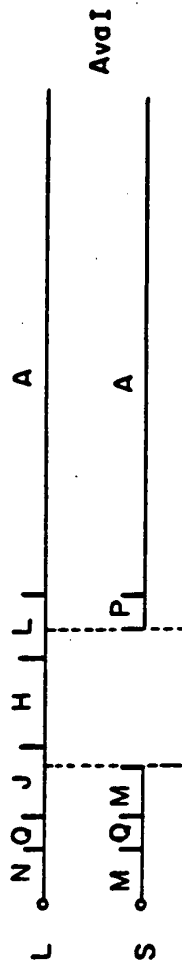


FIG. 6B

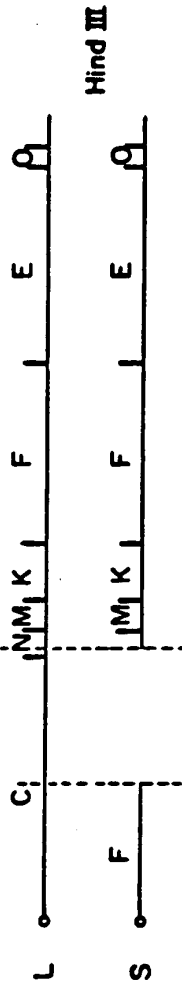
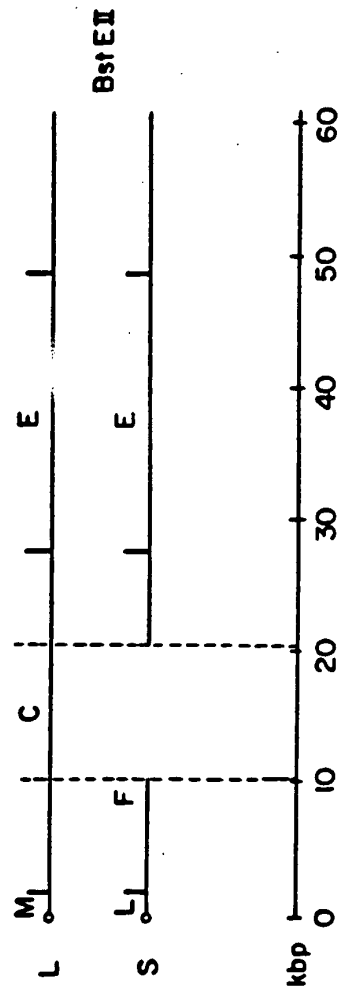
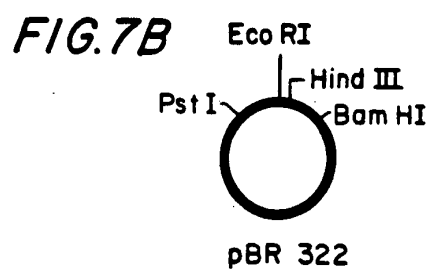
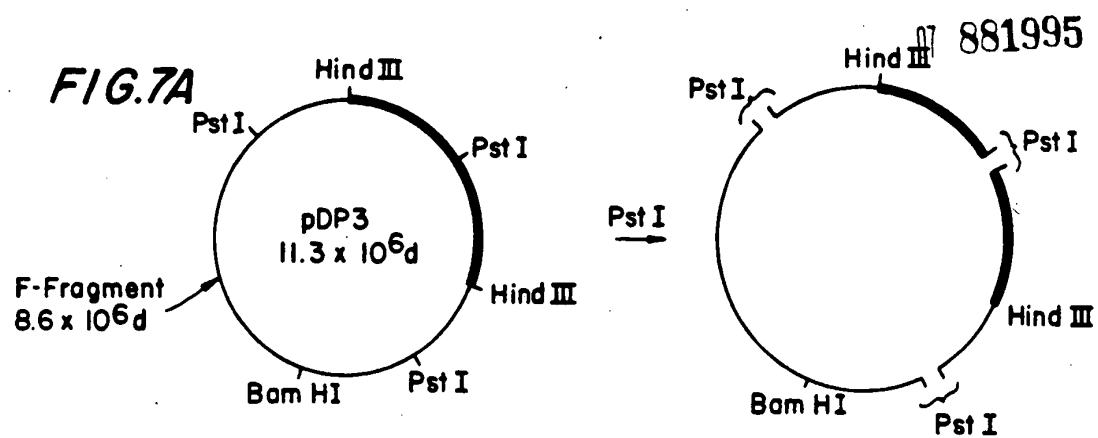
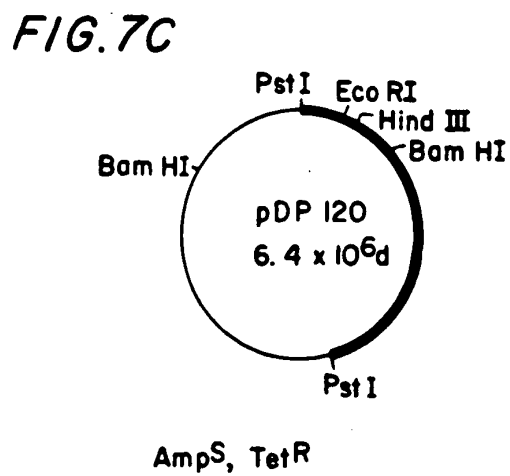


FIG. 6C





Pst I
+
T₄ DNA Ligase



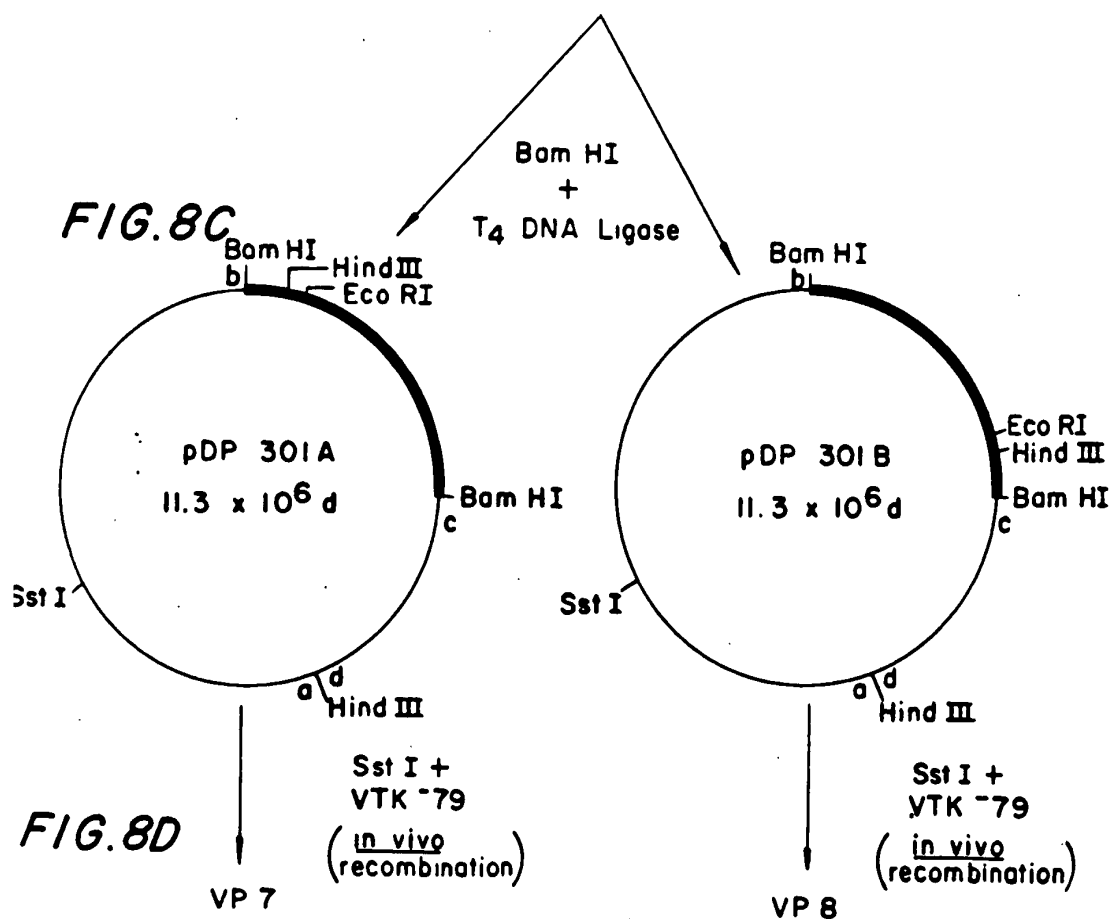
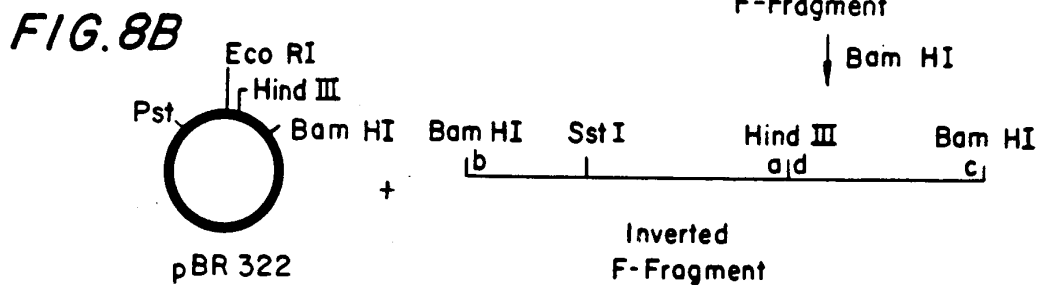
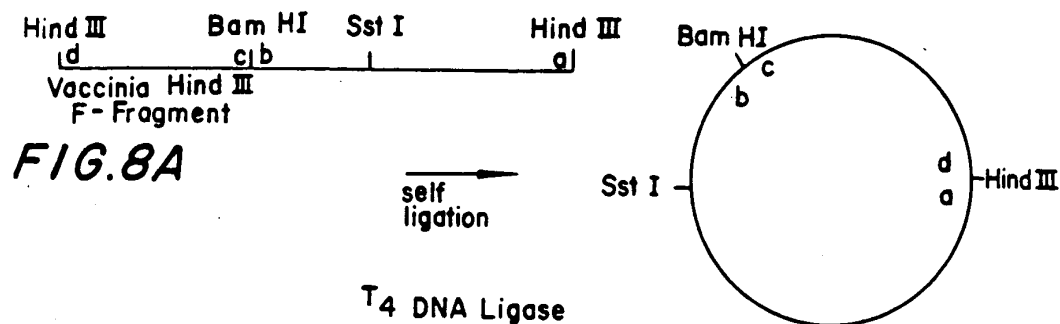


FIG. 9A

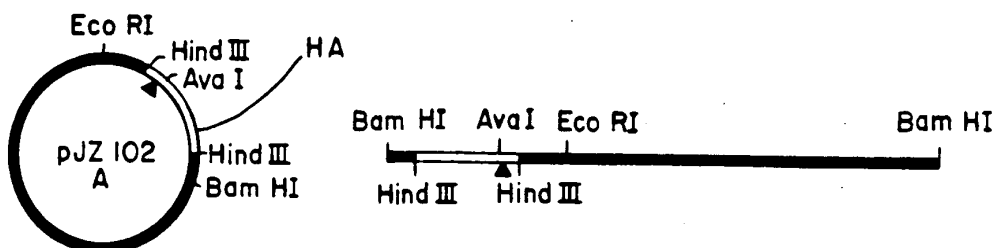
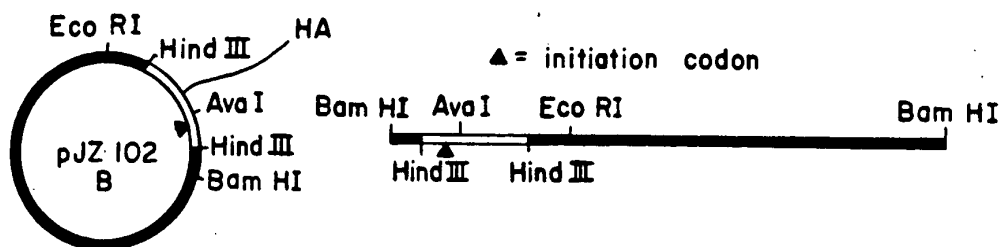


FIG. 9B

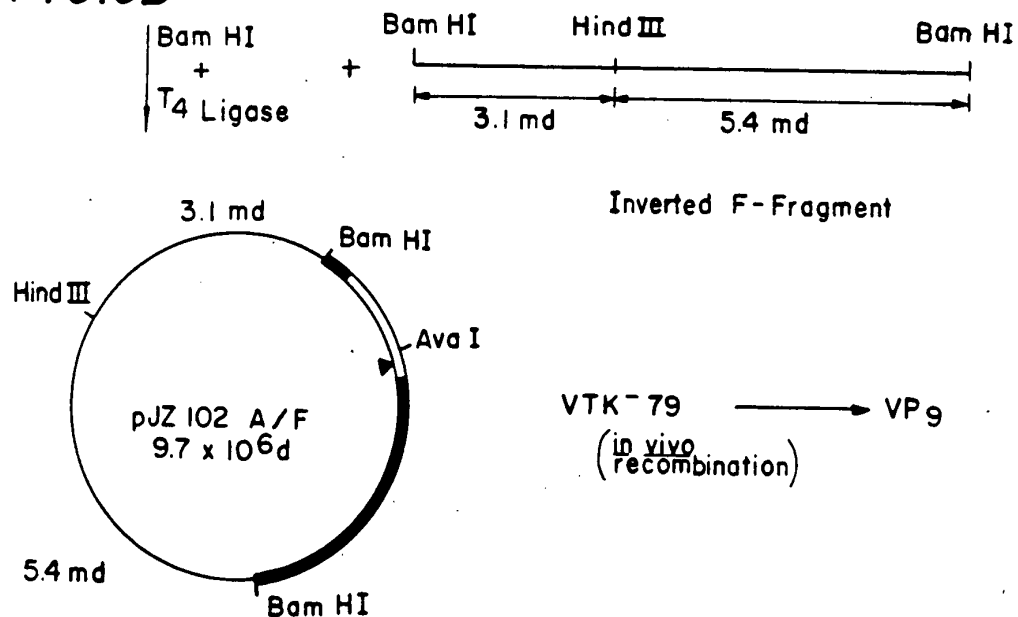
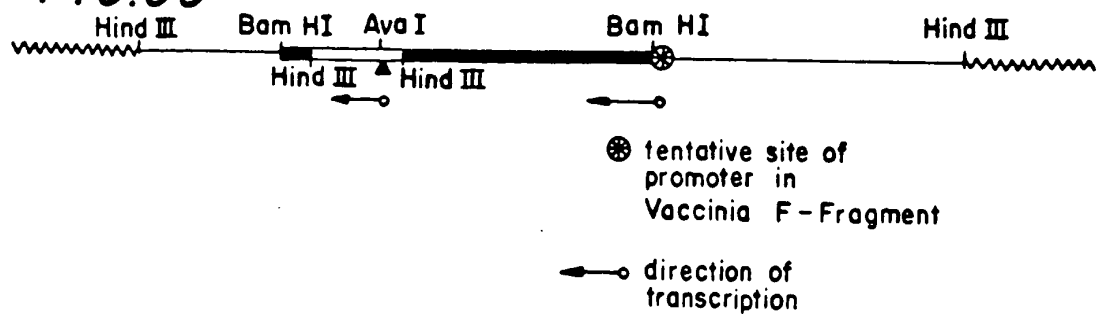


FIG. 9C



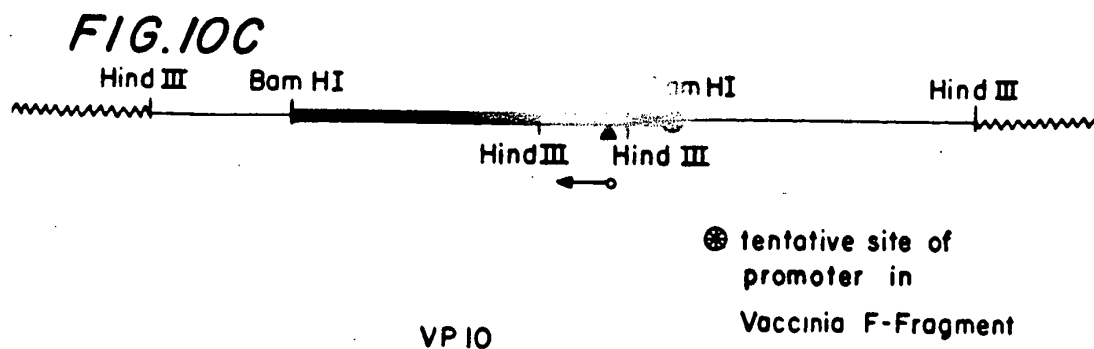
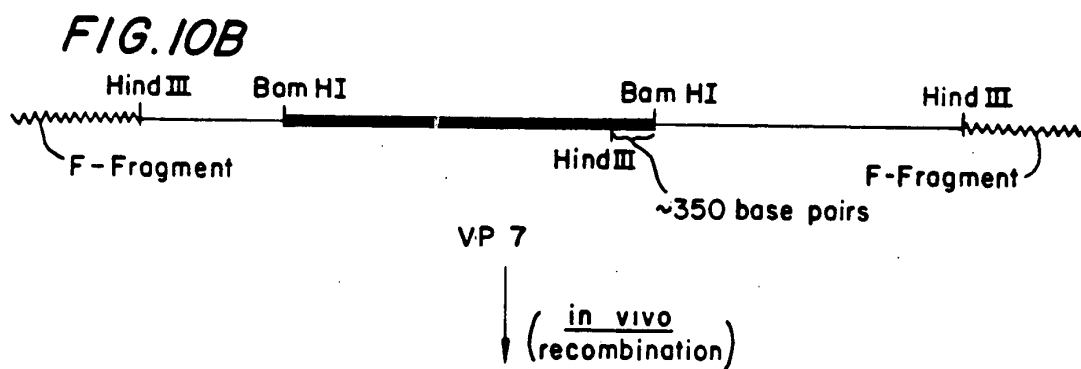


FIG. IIA

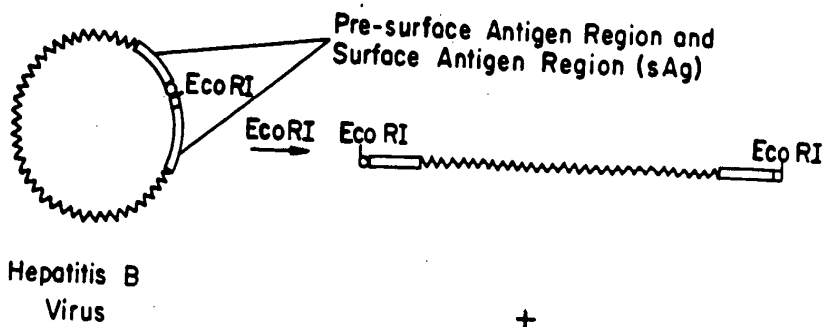


FIG. IIB

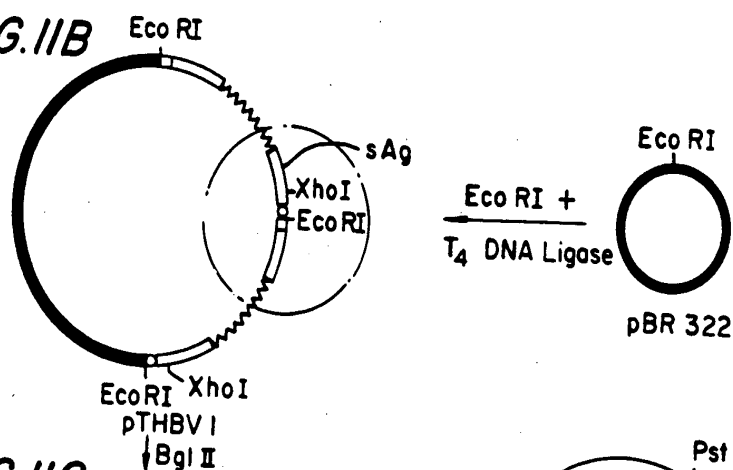


FIG. IIC

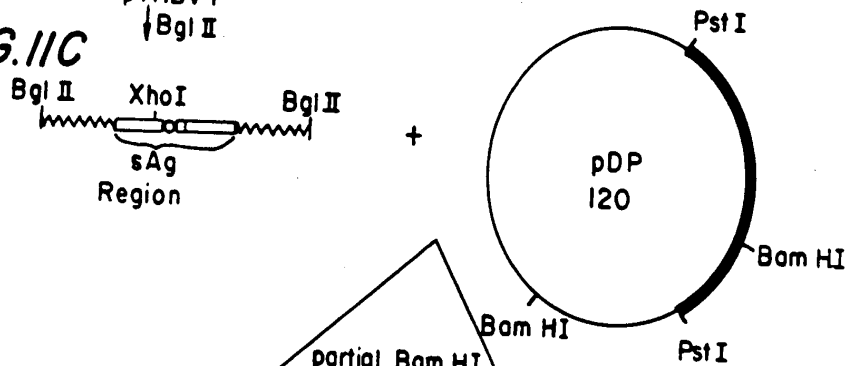


FIG. IID

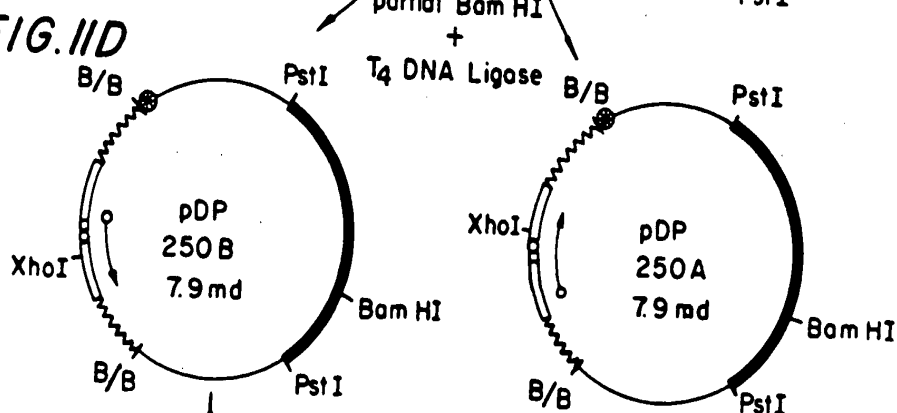


FIG. IIE

VTK-79
VP II (in vivo recombination)

VTK-79
VP I2

● Tentative
Vaccinia
Promoter

FIG. 12A

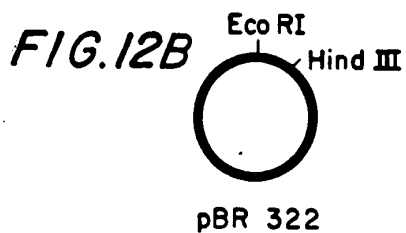
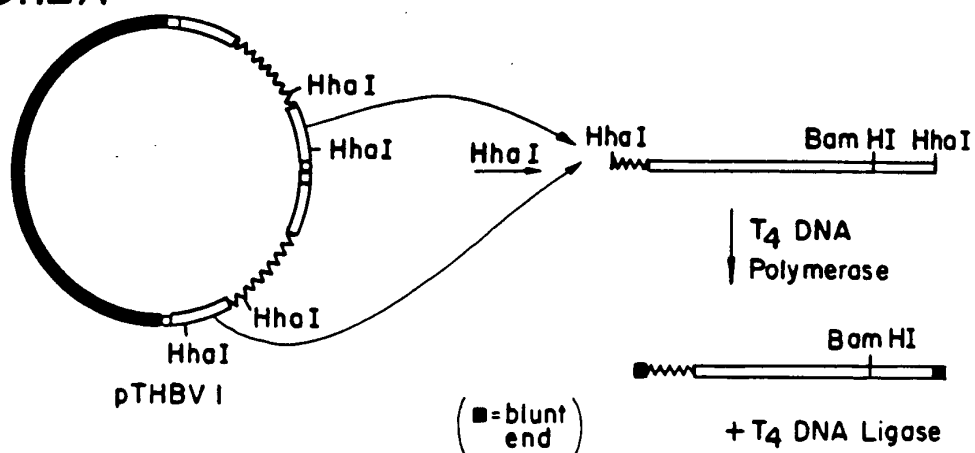


FIG. 12C

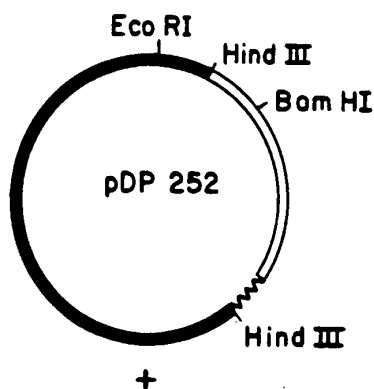


FIG. 12D

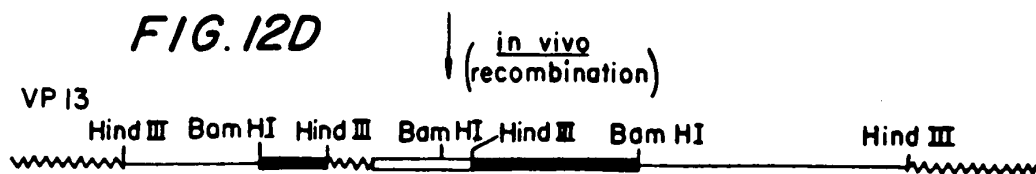
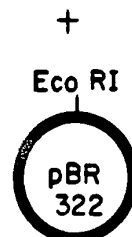
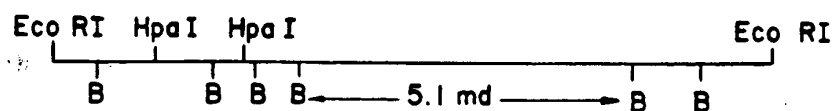
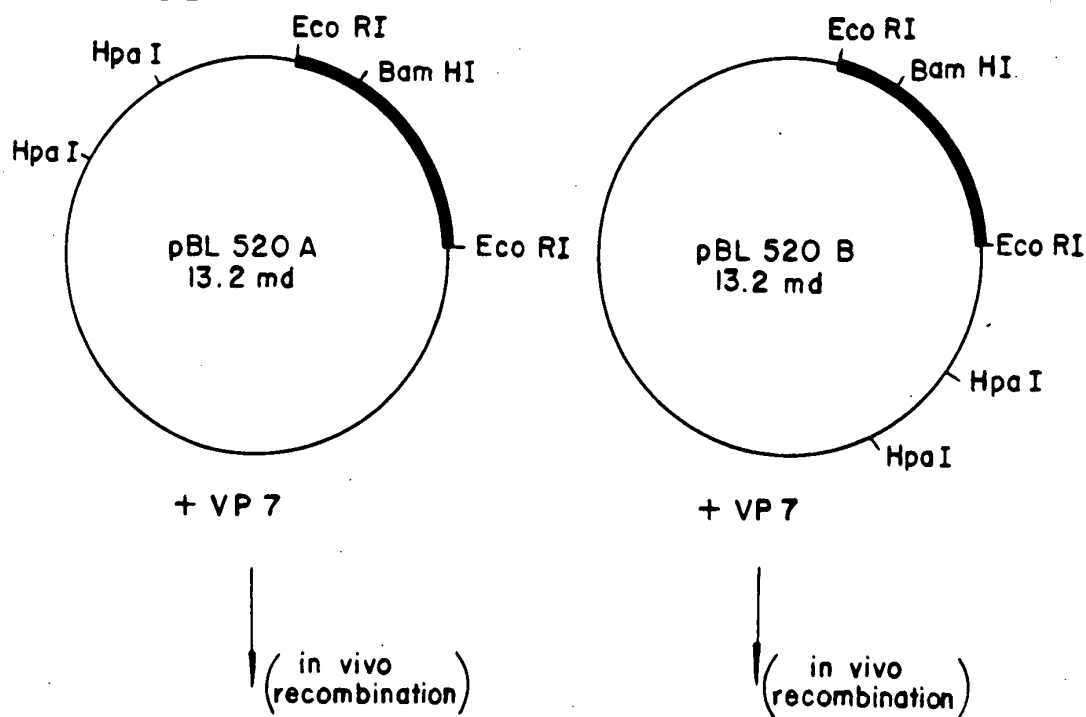


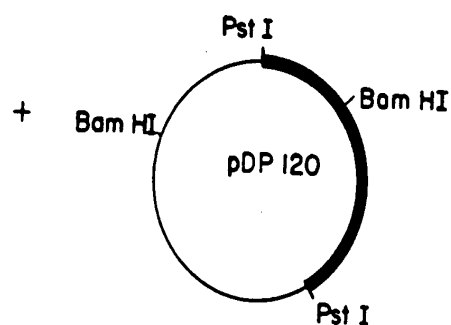
FIG. 13AEcoRI Fragment F of
Herpes Virus Type I (strain KOS)

↓ Eco RI +
T₄ DNA Ligase

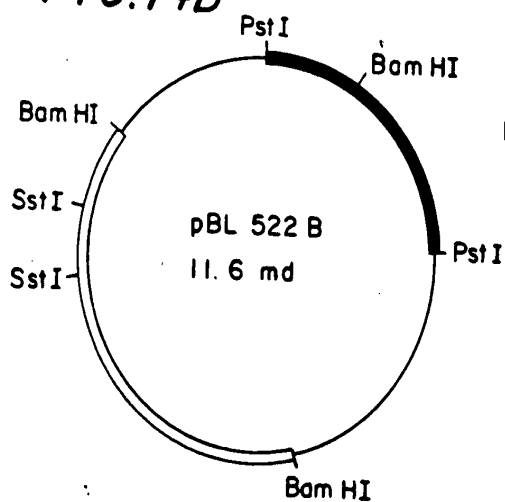
FIG. 13B**FIG. 13C**

VP 16

VP 14

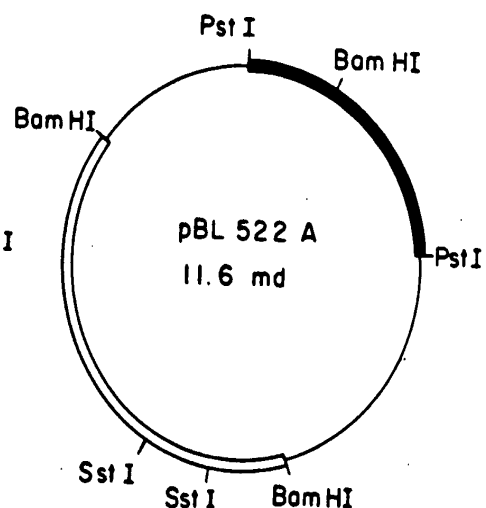
FIG. 14A

Partial Digestion,
Bam HI +
↓ T₄ DNA Ligase

FIG. 14B

+
VTK -79

(in vivo
recombination)



+
VTK -79

(in vivo
recombination)

FIG. 14C

VP 18

VP 17

FIG. 15A

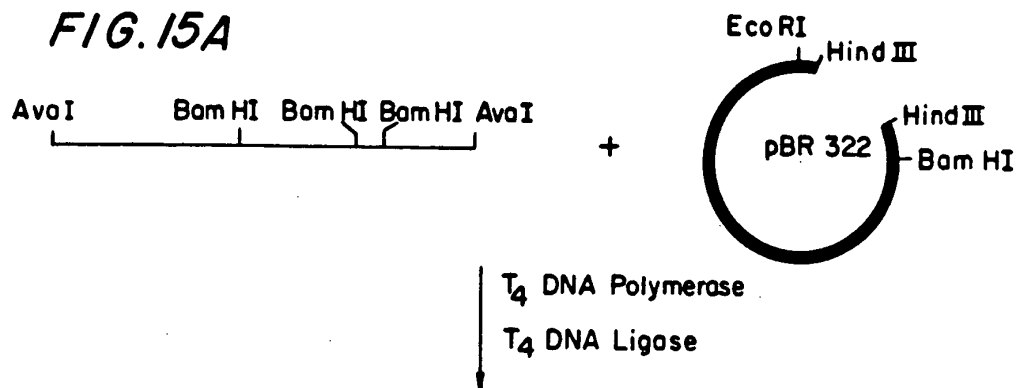


FIG. 15B

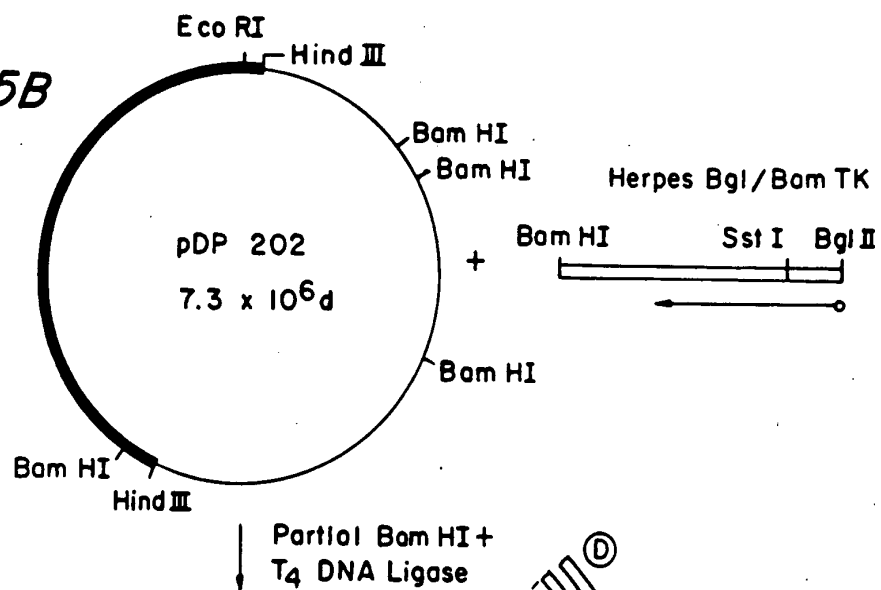


FIG. 15C

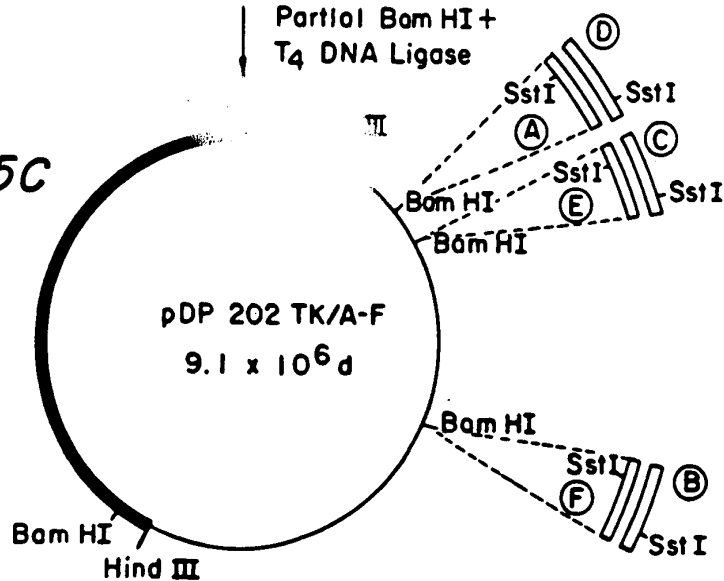


FIG. 15D

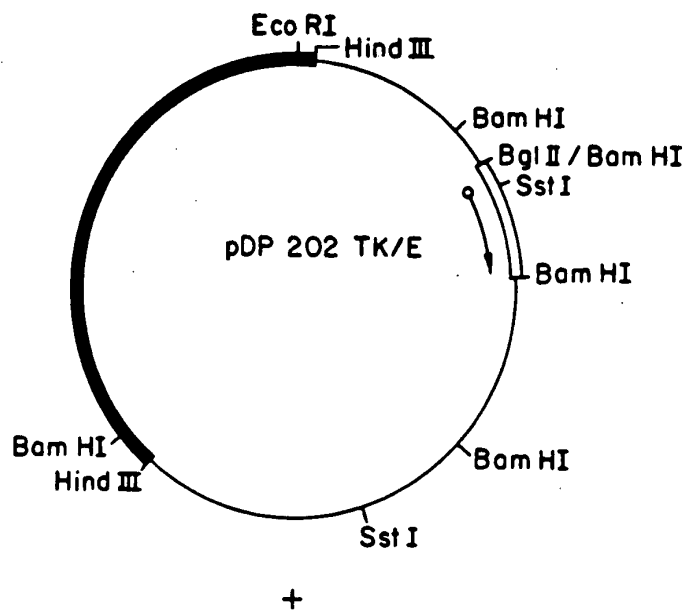


FIG. 15E

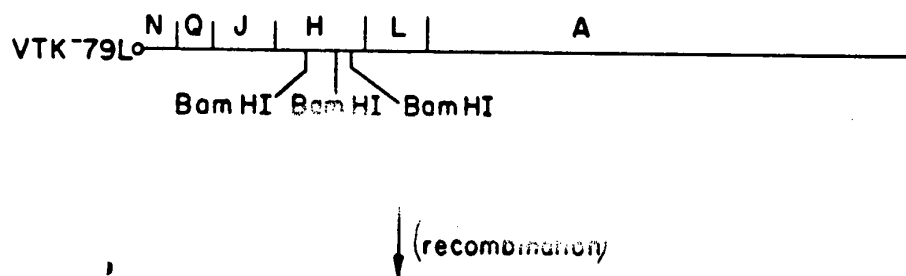
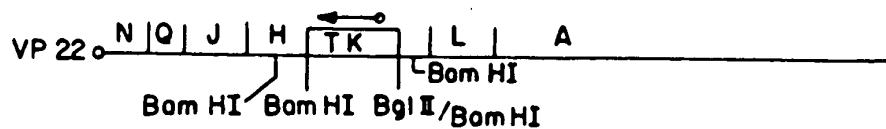


FIG. 15F



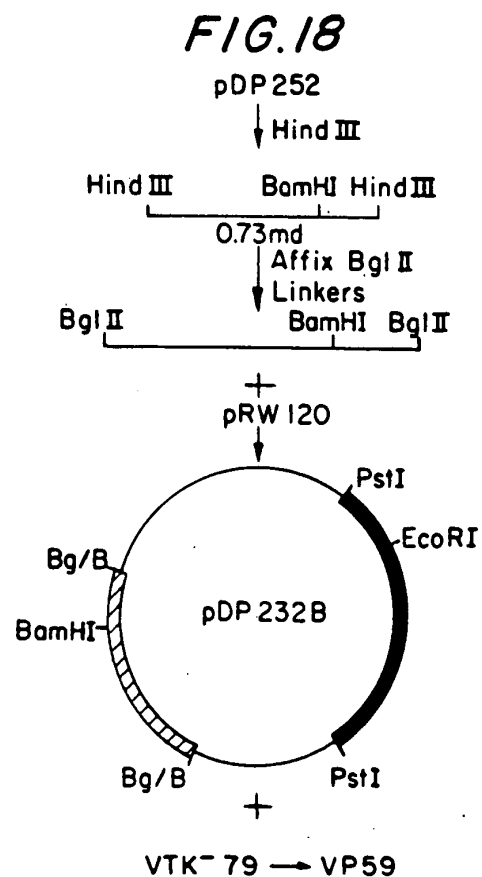
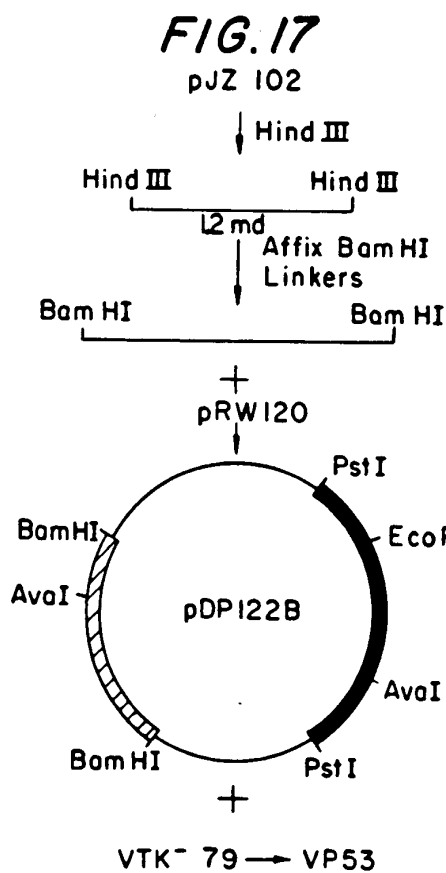
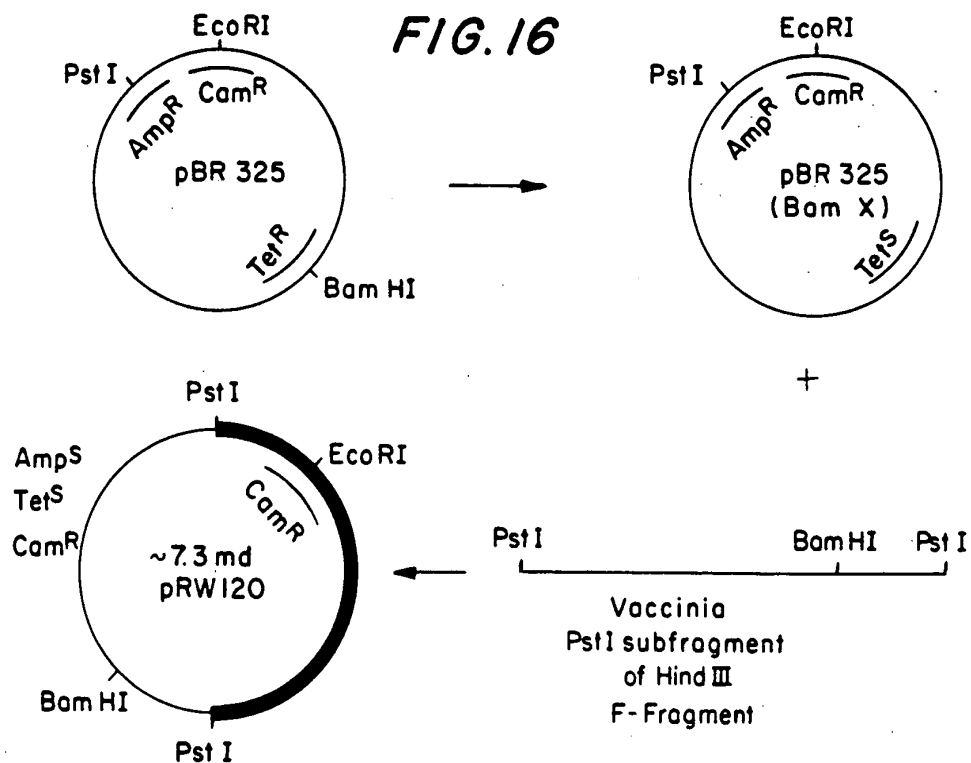


FIG. 19

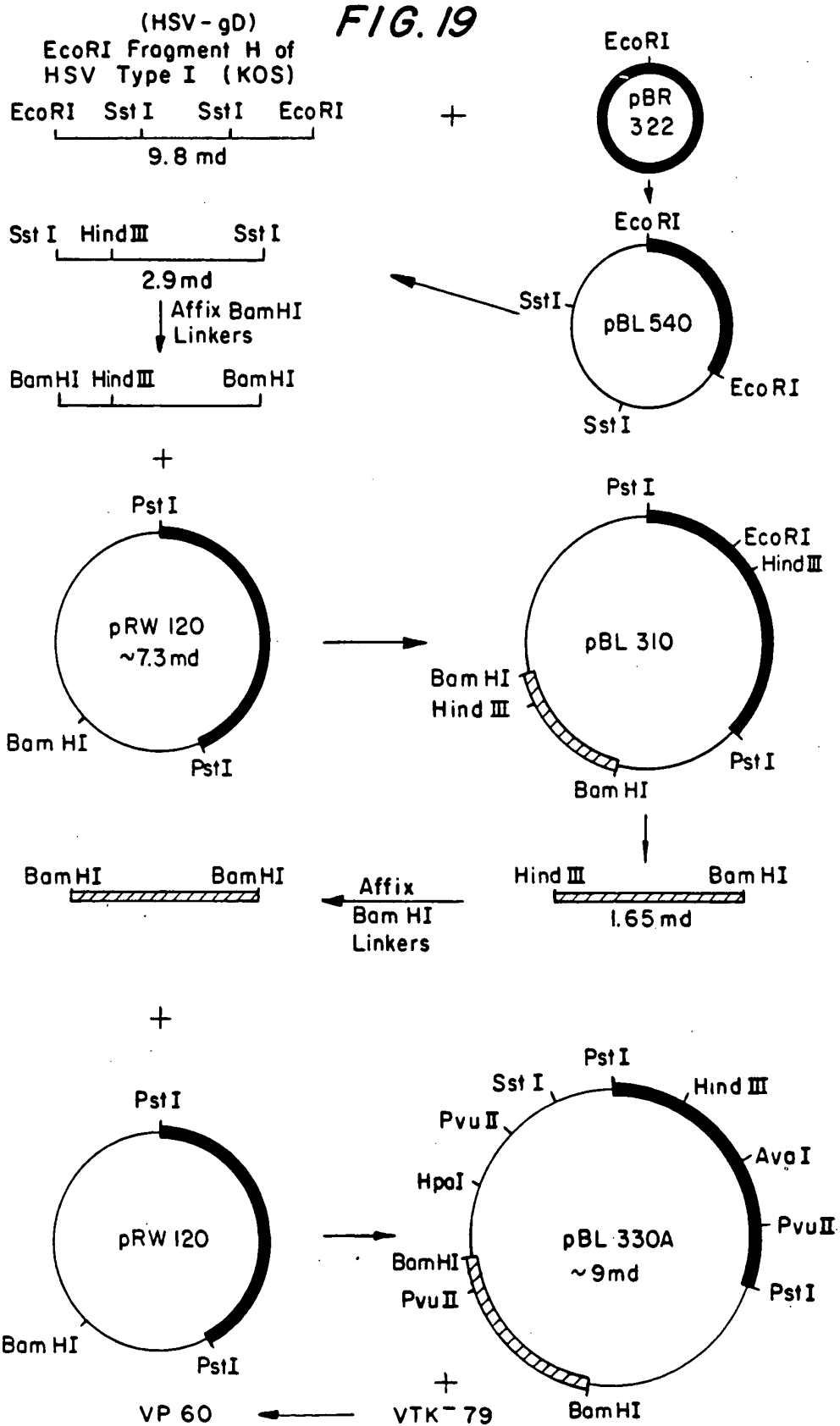


FIG. 20

